

STATE OF MISSOURI      Bob Holden, Governor • Stephen M. Mantel, Director  
DEPARTMENT OF NATURAL RESOURCES

www.dnr.state.mo.us

December 4, 2002

Meramec Caverns  
P.O. Box 148  
Stanton, MO 63079

Ex. 6

Dear Mr. [REDACTED]

Ex. 6

This letter is being sent as a correction to the most recent letter sent to you regarding the sampling completed for La Jolla Spring and cave system. The sampling date listed in the previous letter is incorrect. The correct sampling date should be October not November 2002.

The following is a summary of the laboratory results for the water samples taken in October 2002 from the spring's stream and pool located on your property. These samples were collected at the same time and at the same location as the air samples. Again, a copy of the laboratory results is currently not available because the state laboratory is installing their new system. As soon as the new system is in place, a copy of the laboratory results will be sent to you. The samples were collected by the Missouri Department of Natural Resources / Hazardous Waste Program. The samples were analyzed for volatile organic compounds (VOCs) including trichloroethylene (TCE).

In Sample #1, at the second slot, no VOCs were detected in sample (#0228601), except for TCE. The TCE concentration was reported as 2.01 micrograms per liter (ug/L) or parts per billion (ppb). The Maximum Contamination Level (MCL) allowed in drinking water for TCE is 5.0 ug/L or ppb.

In Sample #2, at the 20' high dome, no VOCs were detected in sample (#0228602), except for TCE. The TCE concentration was reported as 12.6 ug/L or ppb. The MCL allowed in drinking water for TCE is 5.0 ug/L or ppb.

In Sample #3, at the drip falls, no VOCs were detected in sample (#0228603), except for TCE. The TCE concentration was reported as 3.65 ug/L or ppb. The MCL allowed in drinking water for TCE is 5.0 ug/L or ppb.

In Sample #4, at the trail's end, no VOCs were detected in sample (#0228604), except for TCE. The TCE concentration was reported as 7.90 ug/L or ppb. The MCL allowed in drinking water for TCE is 5.0 ug/L or ppb.

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SUPERFUND RECORDS

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In Sample #5 and the duplicate sample, Sample #6, in the surface pool at the trail's end, no VOCs were detected in samples (#0228605) or (#0228606) except for TCE. The TCE concentrations were reported as 3.25 and 2.71 ug/L or ppb, respectively. The MCL allowed in drinking water for TCE is 5.0 ug/L or ppb.

Currently, the TCE contamination levels detected in the spring's stream is above the MCL value at two locations, while the surface pool is below the MCL value. On December 10, 2002, I would like to collect another sample in the spring's stream and in the surface pool at the trail's end. These points are the same ones normally sampled and will not require re-entry into the less traveled portion of the cave.

In early January 2003 with your permission, we would like to collect another round of air and water samples at the same locations as were sampled in October 2002. This would necessitate two round trips past the trail's end into the less visited portions of the cave. Please let me know if this would be possible. Again, federal and state personnel would be collecting the samples.

If you have any questions regarding the sample results or about the progress of the investigation at the Oak Grove Village Well Site, please contact me at (573) 751-1738 or P.O. Box 176, Jefferson City, MO 6510-0176.

Sincerely,

HAZARDOUS WASTE PROGRAM



Candice McGhee  
Project Manager

CM:ta

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